

GOLD COAST GEOSERVICES, INC.

Engineering Geologic and Geotechnical Consultants

March 4, 2010

File No. GC08-012284

DR. ANDREW W. GOTELLI
c/o ALICIA HARRISON
BROWNSTEIN/HYATT/FARBER/SHRECK

SUBJECT: Surface fault rupture hazard assessment and seismically-induced ground settlement analysis, 140 and 180 Conejo Road, Santa Barbara

REF.: Gold Coast GeoServices, Inc., Engineering Geologic Report, Proposed Lot Line Adjustment, 140 Conejo Road AND 180 Conejo Road, Santa Barbara, California, dated 7/27/08.

Dear Dr. Gotelli:

As requested, this letter was prepared to provide a discussion and analysis of the potential for primary ground surface rupture or seismically-induced settlement to occur within the proposed building areas at the subject property due to the Mission Ridge fault.

FAULT RUPTURE HAZARD ASSESSMENT

As discussed in our report dated 7/27/08, the Mission Ridge fault has been previously mapped by the California Division of Mines and Geology as trending east-west at or adjacent to this property. The Mission Ridge fault is not classified by the State Geologist as a seismically "active fault", however the fault is classified by State definition as a "potentially active fault".

The two surface trace locations of the Mission Ridge fault through the Sycamore Canyon area and the subject property has not been previously mapped as trending through the proposed building sites. The closest mapped trace of the Mission Ridge fault is located along the south side of the property, outside of the building areas on this property. No

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evidence of primary ground surface fault rupture was observed within the proposed building areas during our site investigation for the project as now proposed.

The relative risk of surface fault rupture at the proposed building sites in the event of an earthquake along the Mission Ridge fault is considered to be low, due to the lack of evidence of surface faulting within the proposed building locations. No mitigation measures for surface fault rupture hazard potential are required for the proposed building sites.

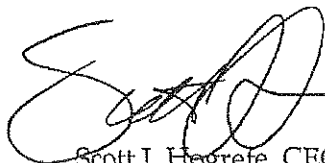
SEISMICALLY-INDUCED SETTLEMENT ANALYSIS

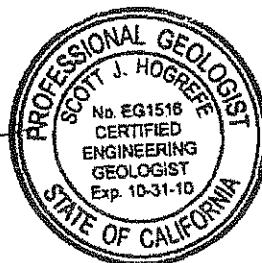
Based on our review of geologic maps by the CDMG, including the Seismic Hazards Zone Maps, the proposed building sites are not located within a *Seismic Hazards Zone* by state definition. Based on the finding from our investigation, the building sites are underlain by dense Miocene age Rincon Formation. Liquefaction, seismically-induced ground settlement, and hydro-consolidation, are not potential seismically-induced hazards at this site due to the underlying dense well-consolidated bedrock. Sieches and tsunamis are not potential hazards to the property. All foundations shall be constructed into dense bedrock, as recommended in our report.

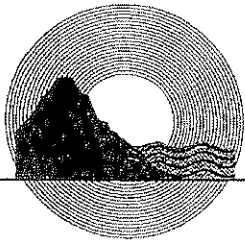
Please call this office at (805) 484-5070 if you have any questions regarding this information.

Very truly yours,

GOLD COAST GEOSERVICES, INC.


Scott J. Hogrefe, CEG 1516





GOLD COAST GEOSERVICES, INC.

Engineering Geologic and Geotechnical Consultants

March 8, 2010

File No. GC08-012284

DR. ANDREW W. GOTELLI

c/o ALICIA HARRISON

BROWNSTEIN/HYATT/FARBER/SHRECK

SUBJECT: Soils analysis for future storm water flow retention basins,
140 and 180 Conejo Road, Santa Barbara

REF.: Gold Coast GeoServices, Inc., Engineering Geologic Report, Proposed Lot
Line Adjustment, 140 Conejo Road AND 180 Conejo Road, Santa Barbara,
California, dated 7/27/08.

Dear Dr. Gotelli:

As requested, this letter was prepared to provide analysis of soil infiltration rate at the subject property, with respect to the feasibility of constructing storm water flow retention basins as required by the city's Storm Water Management Plan (SWMP) and NPDES General Permit for Storm Water Discharges.


The findings of our engineering geologic study and borings on the site indicate that the on-site surface soils are classified as sandy and gravelly clay. The soil has low to moderate permeability and low to moderate porosity. On-site soils conditions are considered to be suitable with adequate percolation or infiltration rate for the utilization of retention basins for storm water flow associated with the future residence.

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Very truly yours,
GOLD COAST GEOSERVICES, INC.


Scott J. Hogrefe, CEG 1516

